

Title (en)

Color image forming apparatus.

Title (de)

Farbbilderzeugungsgerät.

Title (fr)

Appareil de formation d'images en couleur.

Publication

EP 0672960 A3 19960724 (EN)

Application

EP 95103793 A 19950315

Priority

- JP 14335894 A 19940624
- JP 9884994 A 19940512
- JP 4593594 A 19940316

Abstract (en)

[origin: EP0672960A2] A color image forming apparatus in which a charging, imagewise exposing and developing operations are repeated onto an image forming drum to register different colored toner images thereon and thereby to transfer simultaneously the toner images onto a recording sheet, includes four imagewise exposing units which are disposed inside the image forming drum and are fixed in a main body of the image forming apparatus. Two each of the exposing units and the developing units are disposed respectively on both sides with predetermined angles with respect to a vertical line passing through the center of the image forming drum. The apparatus further includes a transferring device and a cleaning device are disposed respectively with predetermined angles on different one side of the vertical line below a horizontal line intersecting with the center of the image forming drum.

IPC 1-7

G03G 15/01

IPC 8 full level

G03G 15/01 (2006.01)

CPC (source: EP US)

G03G 15/0126 (2013.01 - EP US); **G03G 15/0152** (2013.01 - EP US); **G03G 15/0163** (2013.01 - EP US); **G03G 2215/0497** (2013.01 - EP US)

Citation (search report)

- [Y] US 4952951 A 19900828 - KUMASAKA TAKAO [JP], et al
- [PYA] PATENT ABSTRACTS OF JAPAN vol. 018, no. 513 (P - 1805) 27 September 1994 (1994-09-27)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 054 (P - 340) 8 March 1985 (1985-03-08)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 256 (P - 1738) 16 May 1994 (1994-05-16)

Cited by

EP0749050A3; US5729809A

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0672960 A2 19950920; EP 0672960 A3 19960724; EP 0672960 B1 20000726; US 5541722 A 19960730

DOCDB simple family (application)

EP 95103793 A 19950315; US 40263695 A 19950313